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Niklas [SE/SE]; Alligator Bioscience AB, Scheelevaegen
19A, Delta 5, Ideon, S-230 70 Lund (SE). SAFFORD,
Richard [GB/GB]; Unilever R & D, Colworth, Sharn-
brook, Bedfordshire MK44 1LQ (GB).

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(74) Agent: VELZEN VAN, Maaike, M; Unilever N.V.,
Patent Department, Olivier van Noortlaan 120, NL-3133
AT Vlaardingen (NL).

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(71) Applicant (for AL, AM, AT, AZ, BA, BE, BF, BG, BJ, BR,
BY, CF, CG, CH, CI, CM, CN, CO, CR, CU, CZ, DE, DK,
DM, DZ, EC, EE, ES, FI, FR, GA, GE, GN, GQ, GR, GW,
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PH, PL, PT, RO, RU, SE, SI, SK, SN, TD, TG, TJ, TM, TN,
TR, UA, UZ, VN, YU only): UNILEVER N.V. [NL/NL];
Weena 455, NL-3013 AL Rotterdam (NL).

(71) Applicant (for AE, AG, AU, BB, BZ, CA, CY, GB, GD,
GH, GM, IE, IL, KE, LC, LK, LS, MN, MW, NZ, OM, PG,
SC, SD, SG, SL, SZ, TT, TZ, UG, VC, ZA, ZM, ZW only):
UNILEVER PLC [GB/GB]; Unilever House, Blackfriars,
London, Greater London EC4 4BQ (GB).

(71) Applicant (for IN only): HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay
Reclamation, Maharashtra, 400 020 Mumbai (IN).

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(72) Inventors; and
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(54) Title: METHOD FOR MODIFYING PLANTS

(57) Abstract: A method for increasing the level of 4-desmethyl sterols in a plant comprises increasing the enzymatic demethylation of 4-monomethyl and 4,4-dimethyl sterols. The enzymatic demethylation may be effected by the use of a gene expressing a C4 sterol methyl oxidase (C4SMO).